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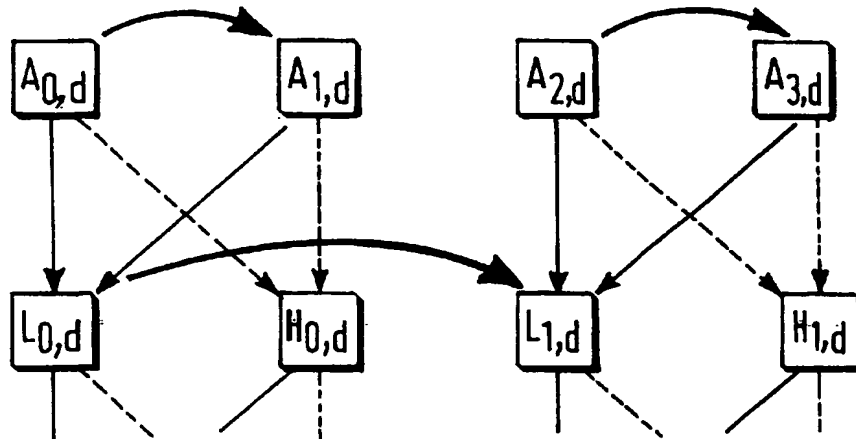
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(54) Title: DRIFT-FREE VIDEO ENCODING AND DECODING METHOD, AND CORRESPONDING DEVICES



(57) Abstract: The invention relates to a video encoding method for the compression of a video sequence, comprising the steps of generating from the original video sequence, by means of a wavelet decomposition, a low resolution sequence, performing on said low resolution sequence a low resolution decomposition, by means of a motion compensated spatio-temporal analysis, generating from said low resolution decomposition a full resolution sequence, by means of an anchoring of the high frequency spatial subbands resulting from the wavelet decomposition to said low resolution decomposition and coding said full resolution sequence and the motion vectors generated during the motion compensated spatio-temporal analysis. The invention also relates to a corresponding decoding method, and to corresponding encoding and decoding devices.

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— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04N7/26		
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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04N		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BOTTREAU V ET AL: "A FULLY SCALABLE 3D SUBBAND VIDEO CODEC" PROCEEDINGS 2001 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING. ICIP 2001. THESSALONIKI, GREECE, OCT. 7 - 10, 2001, INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, NEW YORK, NY: IEEE, US, vol. 2 OF 3. CONF. 8, 7 October 2001 (2001-10-07), pages 1017-1020, XP001045747 ISBN: 0-7803-6725-1 cited in the application the whole document <div style="text-align: center; margin-top: 10px;">--- -/--</div>	1-6
<div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. </div>		
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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer <div style="text-align: center; margin-top: 10px;">Schoeyer, M</div>

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C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WU F ET AL: "DCT-prediction based progressive fine granularity scalable coding" PROCEEDINGS. INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, XX, XX, 10 September 2000 (2000-09-10), pages 556-559, XP002165186 the whole document	1-6
A	US 2002/006164 A1 (FELTS BORIS) 17 January 2002 (2002-01-17) abstract page 1, paragraph 1 -page 3, paragraph 46	1-6

INTERNATIONAL SEARCH REPORT

patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002006164 A1	17-01-2002	CN 1381142 T	20-11-2002
		WO 0189226 A1	22-11-2001
		EP 1287701 A1	05-03-2003
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